

IMAGE CAPTURING APPARATUS WITH LASER-FRAMING VIEWFINDER AND LASER POINTER FUNCTIONS

Abstract

A laser source is installed inside a housing for generating a laser beam. A first lens group is installed inside the housing for diverging the laser beam from the laser source. A reflecting object is installed inside the housing in a rotatable manner for reflecting the laser beam from the first lens group. A second lens group is installed inside the housing for diverging the laser beam from the reflecting object. A framing mask masks the laser beam and displays a laser-framing viewfinder. A third lens group is installed on the housing for focusing the laser beam. A camera lens is installed on the housing for capturing an image framed in the laser-framing viewfinder. When the reflecting object rotates to a first location a laser-framing viewfinder is generated. When the reflecting object rotates to a second location a laser pointer is generated.